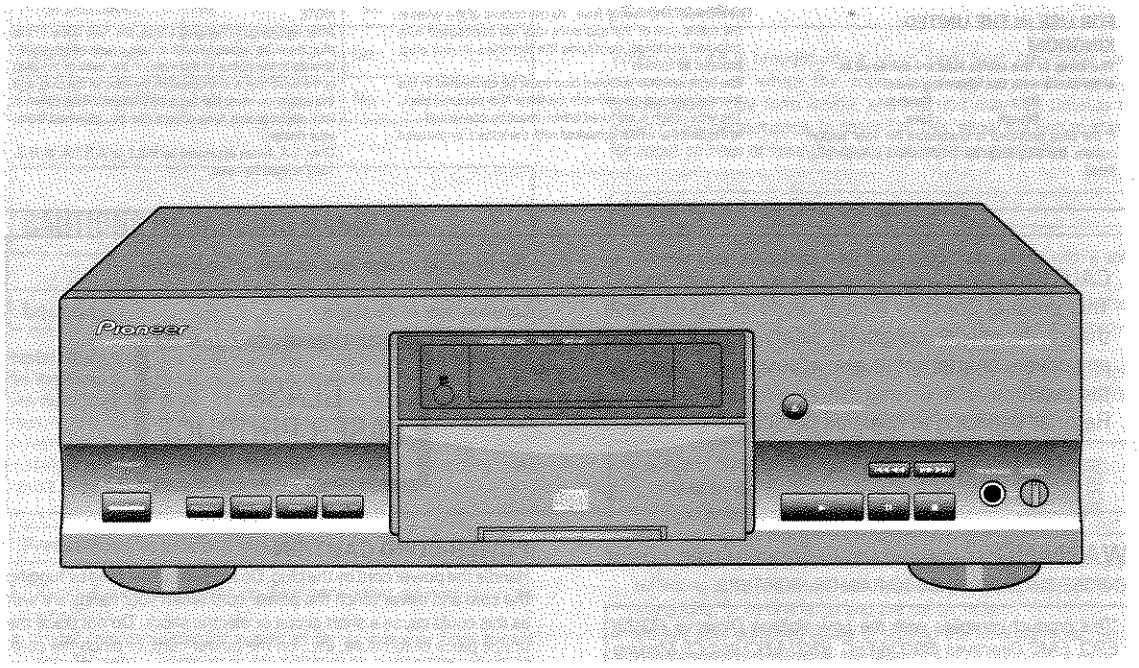
Pioneer

Operating Instructions

PD-S507

COMPACT DISC PLAYER

COMPACT disc DIGITAL AUDIO



Thank you for buying this Pioneer product.
Please read through these operating instructions so you will know how to operate your model properly. After you have finished reading the instructions, put them away in a safe place for future reference.
In some countries or regions, the shape of the power plug and power outlet may sometimes differ from that shown in the explanatory drawings. However, the method of connecting and operating the unit is the same.

The CONTENTS can be found on the next page.

IMPORTANT 1

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION:
TO PREVENT THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

IMPORTANT 2

FOR USE IN THE UNITED KINGDOM

The wires in this mains lead are coloured in accordance with the following code :

Blue : Neutral
Brown : Live

If the plug provided is unsuitable for your socket outlets, the plug must be cut off and a suitable plug fitted.

The cut-off plug should be disposed of and must not be inserted into any 13 amp socket as this can result in electric shock. The plug or adaptor or the distribution panel should be provided with 5 amp fuse. As the colours of the wires in the mains lead of this appliance may not correspond with coloured markings identifying the terminals in your plug, proceed as follows :

The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black.

The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red.

Do not connect either wire to the earth terminal of a three - pin plug.

NOTE

After replacing or changing a fuse, the fuse cover in the plug must be replaced with a fuse cover which corresponds to the colour of the insert in the base of the plug or the word that is embossed on the base of the plug, and the appliance must not be used without a fuse cover. If lost, replacement fuse covers can be obtained from your dealer.

Only 5 A fuses approved by B.S.I. or A.S.T.A. to B.S 1362 should be used.

CAUTION

This product contains a laser diode of higher class than 1. To ensure continued safety, do not remove any covers or attempt to gain access to the inside of the product.

Refer all servicing to qualified personnel.

The following caution label appears on your player.

Location: rear of the player

CLASS 1
LASER PRODUCT

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

"This product complies with the Low Voltage Directive (73/23/EEC), EMC Directives (89/336/EEC, 92/31/EEC) and CE Marking Directive (93/68/EEC)."

THE POWER SWITCH IS SECONDARY CONNECTED AND THEREFORE DOES NOT SEPARATE THE UNIT FROM MAINS POWER IN STANDBY POSITION.

POWER-CORD CAUTION

Handle the power cord by the plug. Do not pull out the plug by tugging the cord and never touch the power cord when your hands are wet as this could cause a short circuit or electric shock. Do not place the unit, a piece of furniture, etc., on the power cord, or pinch the cord. Never make a knot in the cord or tie it with other cords. The power cords should be routed such that they are not likely to be stepped on. A damaged power cord can cause a fire or give you an electrical shock. Check the power cord once in a while. When you find it damaged, ask your nearest PIONEER authorized service center or your dealer for a replacement.

Energy-Saving Design

This product has been designed to reduce energy consumption when the unit is in the power off (standby) mode.

- Consult the Specifications (p. 12) for the power consumption in standby mode.

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ABOUT THESE OPERATING INSTRUCTIONS

AC power cord connection and functions
Some functions cannot be carried out depending on the connection of AC power cord.

Function	When the AC power cord is connected to the unswitched outlet of an amplifier or wall outlet.	When the AC power cord is connected to the switched outlet of an amplifier or audio timer.
Timer playback	No	Yes
Program memory	Yes	No
Output level memory	Yes	No

CAUTIONS REGARDING HANDLING

Location

Install the player in a well ventilated location where it will not be exposed to high temperature or humidity.
Do not install the player in a location which is exposed to direct rays of the sun, or near stoves or radiators. Excessive heat can adversely affect the cabinet and internal components. Also, installation of the player in a damp or dusty environment may result in malfunction or accident.

Precautions regarding installation

- Avoid placing the player on heat-generating sources such as amplifiers.
- Install this compact disc player as far as possible from tuners and TV sets. Noise may be particularly noticeable when an indoor antenna is used. In such a case, make use of an outdoor antenna, or turn off power to the compact disc player.
- Please place this unit on a level surface.

Cleaning the player

To clean the PLAYER, wipe with a soft, dry cloth. For stubborn dirt, wet a soft cloth with a mild detergent solution made by diluting one part detergent to 5 or 6 parts water, wring well, then wipe off the dirt. Use a dry cloth to wipe the surface dry. Do not use volatile liquids such as benzene and thinner which are harmful to the unit.

Storing discs

Be careful not to allow discs to warp; always store discs in their cases vertically, avoiding locations with high heat or humidity, or extremely low temperatures.

CD lens cleaner

The player's pickup lens should not become dirty in normal use, but if for some reason it should malfunction due to soiling, consult your nearest PIONEER authorized service center. Lens cleaners for CD players are commercially available, but special care should be exercised in their use since some may cause damage to the lens.

Condensation

When this unit is brought into a warm room from previously cold surroundings or when the room temperature rises sharply, condensation may form inside, and the unit may not be able to attain its full performance. In cases like this, allow the unit to stand for about an hour or raise the room temperature gradually.

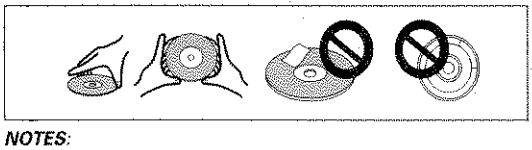
Cleaning and handling compact discs

- Always keep your discs clean by wiping them gently with a soft cloth from the inner edge toward the outer periphery.
- If a disc becomes very dirty, dip a soft cloth in water, and after wringing it out well, wipe the dirt away gently, and then remove any water drops with another soft, dry cloth.
- Do not use record cleaning sprays or anti-static agents on discs. Also, never clean discs with benzene, thinner, or other volatile solvents, since damage to the disc surface may result.

- With this player, use discs which display the mark shown right. (Optical audio digital discs.)

COMPACT disc DIGITAL AUDIO

- When holding discs, do not touch their signal surfaces (the side reflecting a "rainbow" pattern, opposite the label side). Hold by the edges, or by one edge and the center hole.
- Do not affix gummed labels or tape to the label surfaces. Also, do not scratch or damage the label.
- Discs rotate at high speed inside the player. Do not use damaged (cracked or warped) discs.

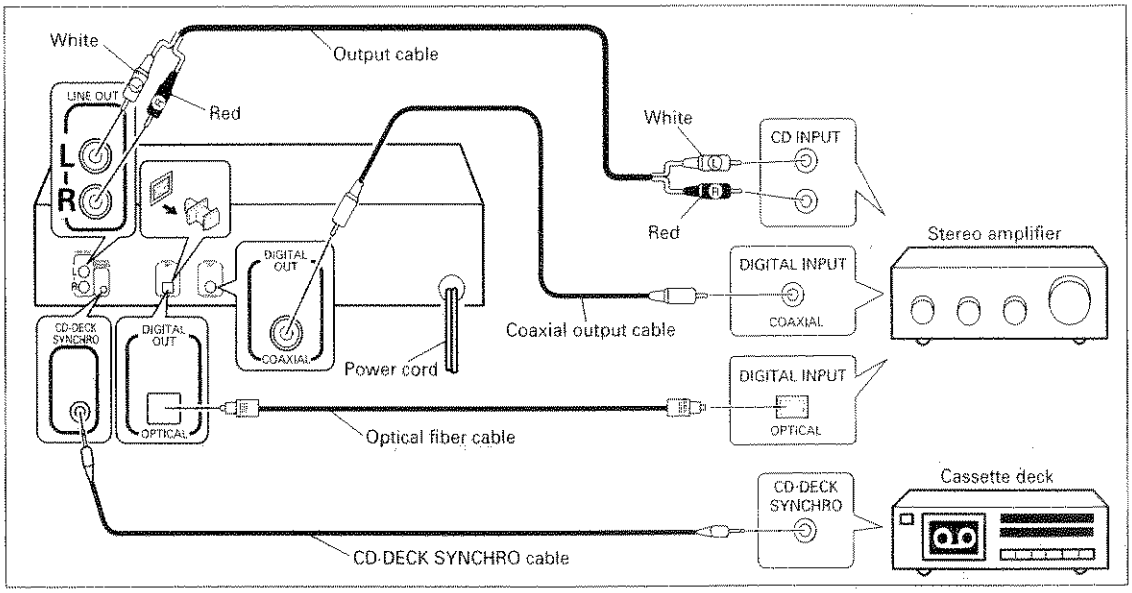


NOTES:
- *When setting an 8 cm CD single, do not use the 8 cm CD single adaptor.*
- *Never attempt to load both 8 cm and 12 cm discs together, since disc damage or other malfunctions may result. Always load only one disc at a time.*

Do not play a CD with a special shape

Do not play a CD having other shape than a circular disc, such as heat shaped disc. Otherwise malfunction may occur.

CONNECTIONS



- **Before making or changing the connections, switch off the power switch and disconnect the power cord from the AC outlet.**

CONNECTING THE OUTPUT CABLE:

Connect the LINE OUT jacks of this unit to the input jacks (CD or AUX) of the amplifier. Make sure that the white plugs are connected to the left (L) jacks and the red plugs to the right (R) jacks.

- Be sure not to connect this unit to the amplifier's PHONO jacks, as sound will be distorted and normal playback will not be possible.

CONNECTING TO THE DIGITAL JACK

This unit can be connected to an amplifier equipped with an optical digital jack or coaxial digital jack. The optical fiber cable and coaxial output cable are not supplied with this unit. Use a separately sold optical fiber cable or coaxial cable for the digital jack connections.

NOTE:

- *No sound may be produced if optical connections are made with an amplifier having different optical signal standards.*

When using the OPTICAL DIGITAL OUT jack:

1. Remove the protective dust cap from this unit's OPTICAL DIGITAL OUT jack.
2. Use an optical fiber cable to connect the OPTICAL DIGITAL OUT jack of this unit to the optical digital input jack of the amplifier.

- Align the plug of the optical fiber cable with the optical digital jack and fully insert the plug to make a secure connection.

Precautions concerning use of optical fiber cables

- Fully insert the optical fiber cable plugs all the way into the jacks.
- Be careful not to fold or crimp the cable. When coiling an optical fiber cable for storage, make sure the diameter of the coil is 15 cm or lager.
- Use an optical fiber cable with a length of 3 m or less.
- Protect the optical fiber cable plugs from scratches and dust.
- When the unit is not connected using an optical fiber cable, be sure to keep the protective dust cap plugged into the optical digital output jack at all times.

When using the COAXIAL DIGITAL OUT jack:

- Use a coaxial output cable to connect the COAXIAL DIGITAL OUT jack of this unit to the coaxial digital input jack of the amplifier.
- Use a coaxial output cable with a length of 3 m or less.

CD-DECK SYNCHRO FUNCTION

If you have a Pioneer cassette deck provided with the CD-Deck synchro function, connect the CD-DECK SYNCHRO jacks of the CD player and cassette deck. With this function, synchro recording can be carried out between player and deck.

- For details on connections and operation, refer to the Operating Instructions supplied with the cassette deck.
- The CD-DECK SYNCHRO cable is not supplied with the CD player.

NOTE:

In order to enable the CD-DECK SYNCHRO recording function, the normal output cable must be connected to the stereo amplifier.

CONNECTING THE POWER CORD

Connect the power cord to a household AC wall outlet or an AC outlet on your amplifier. (See the section "AC power cord connection and functions" on page 3.)

- Make sure plugs are inserted fully into the jacks and wall outlet.

TIMER PLAYBACK

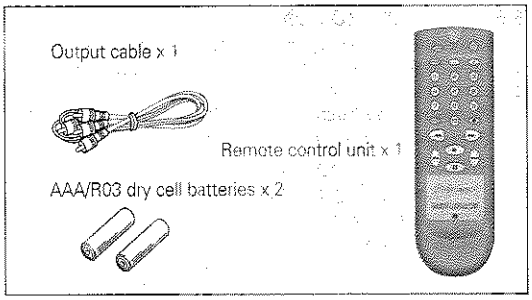
By using a commercially available audio timer, it is possible to initiate playback at any time automatically.

1. Turn on the power to the player, load a disc into the disc tray and close the disc tray with OPEN/CLOSE.
2. Set the time at which you wish playback to begin. The timer will supply power to both the amplifier and the player at the preset time, turning all the components on and initiating the playback mode. Playback starts from the first track.

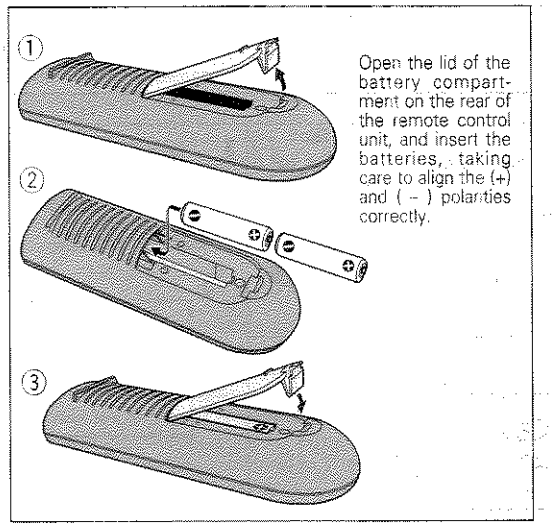
NOTES:

- *If no disc has been loaded in the player, the player will enter the standby mode when the audio timer turns the player's power on.*
- *Pressing any function buttons before commencement of timer start cancels the timer start function.*

CONFIRM SUPPLIED ACCESSORIES



PUT BATTERIES INTO THE REMOTE CONTROL UNIT



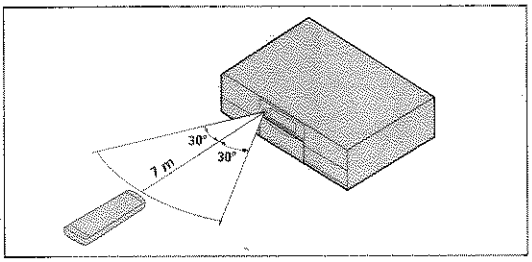
Open the lid of the battery compartment on the rear of the remote control unit, and insert the batteries, taking care to align the (+) and (–) polarities correctly.

NOTES:

- *In order to prevent battery leakage, remove the batteries when not using the remote control unit for an extended period (one month or more). If leakage occurs, carefully wipe away any battery fluid inside the compartment, and replace the batteries with new ones.*
- *Do not allow books or other objects to rest on top of the remote control unit, since the buttons may be depressed, causing faster exhaustion of the batteries.*

Incorrect use of batteries may cause leakage or rupture. Always be sure to follow these guidelines:

A. Always insert batteries into the battery compartment correctly matching the positive (+) and negative (–) polarities, as shown by the display inside the compartment.
B. Never mix new and used batteries.
C. Batteries of the same size may have different voltages, depending on brand. Do not mix different brands of batteries.



When operating the remote control unit, point the unit's infrared signal transmitter at the remote control receiver (Remote Sensor) on the front panel of the player. The remote control unit can be used within a range of about 7 meters from the remote sensor, and within angles of up to about 30 degrees.

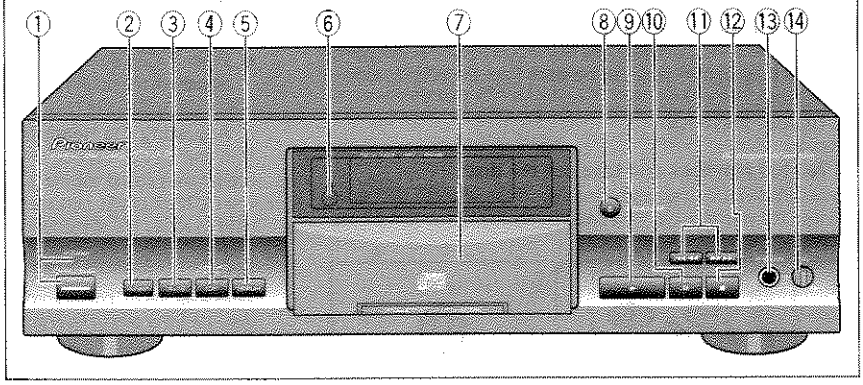
NOTE:

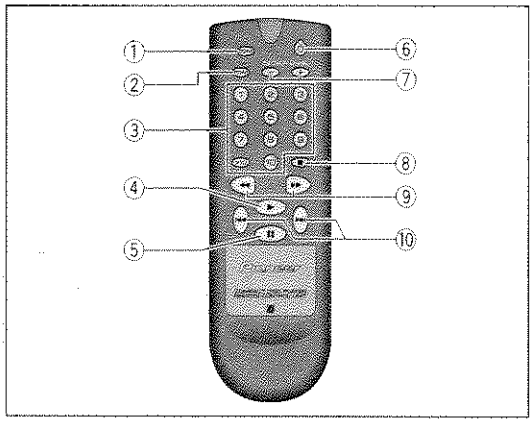
If the remote control sensor window is in a position where it receives strong light such as sunlight or fluorescent light, control may not be possible.

NAMES AND FUNCTIONS OF PARTS

FRONT PANEL

① ⏻ STANDBY/ON switch and STANDBY indicator (Page 6)
② REPEAT button (Page 7)
③ HI-LITE button (Page 7)
④ COMPU/AUTO EDIT button (• COMPU/•• AUTO) (Page 7)
⑤ DISPLAY button (Page 8)
⑥ Remote sensor
Receives the signal from the remote control unit.
⑦ Disc tray
⑧ OPEN/CLOSE button (⏏) (Page 6)
⑨ Play button (►) (Page 6)
⑩ Pause button (II) (Page 6)
⑪ Track/Manual search buttons (|◄◄◄◄/►►►►|) (Page 7)
⑫ Stop button (■) (Page 6)
⑬ Headphones jack (Page 6)
⑭ Headphones volume control (LEVEL) (Page 6)



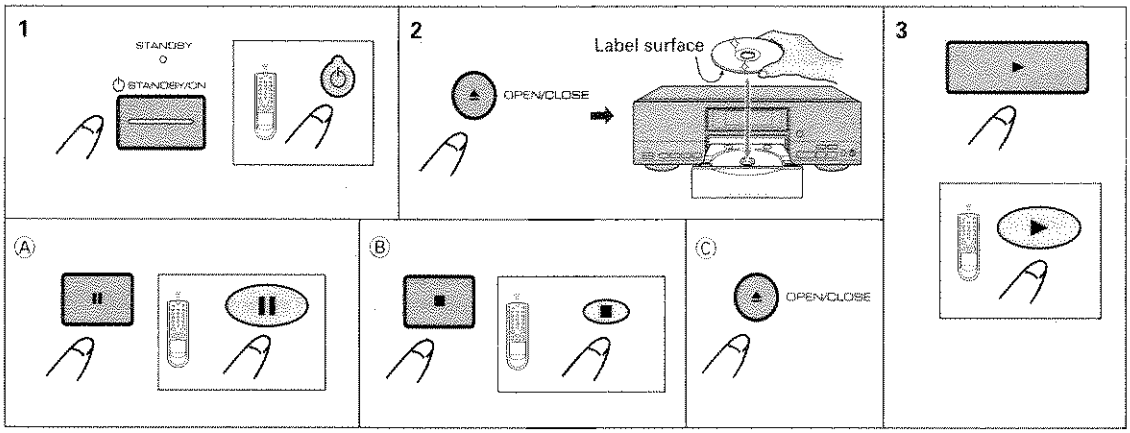


REMOTE CONTROL UNIT

Remote control buttons with the same names or marks as buttons on the front panel of the player control the same operations as the corresponding front panel buttons.

① **Random play button (RDM) (Page 8)**
② **Program button (PGM) (Page 9)**
③ **Track number/Digit buttons (1 - 10, >10) (Pages 7, 9, 10)**
④ **Play button (►)**
⑤ **Pause button (II)**
⑥ **Power standby/on button (⏻)**
⑦ **OUTPUT LEVEL buttons (–/+)**
⑧ **Stop button (■)**
⑨ **Manual search buttons (◄◄ / ►►) (Page 7)**
⑩ **Track search buttons (I◄◄ / ►►I) (Page 7)**

BASIC OPERATION



Operations indicated by the [ ] mark are performed with the remote control unit.

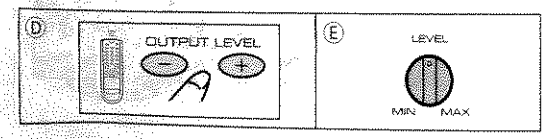
1 Press STANDBY/ON to turn on the power to the player.
2 Press OPEN/CLOSE and load a disc.
- Place the disc with the label surface facing DOWN.

3 Press ► to start playback.

Ⓐ To pause playback temporarily:
Press II. The II indicator lights and playback is paused at that point. Pressing II again or ► resumes playback from the position where pause mode was entered.

Ⓑ To stop playback:
Press ■.

Ⓒ To stop playback and take out the disc:
Press OPEN/CLOSE and remove the disc. Press OPEN/CLOSE again to close the disc tray and then press STANDBY/ON to turn off the power.



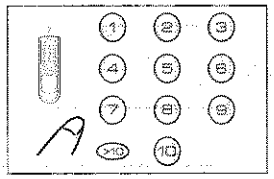
Adjusting the sound volume

Ⓓ To control output level
To change the output level, press the remote control unit's output level – /+ button while the player is either stopped or playing. The output level can be changed in 1dB steps between 0 and –25 dB.
- While the button is held depressed and for two seconds after releasing the button, the current output value is shown in the display window.
- When the AC power cord is disconnected or power is otherwise disrupted, the output level is reset to the default value of 0 dB.

Ⓔ Adjusting the Headphones Volume
Turn the LEVEL control in the MAX direction to increase the headphones sound volume and in the MIN direction to decrease it. The OUTPUT LEVEL buttons on the remote control unit can also be used to adjust the headphones sound volume.

NOTE:
Whenever the AC power cord is disconnected or power is otherwise disrupted, the output level is reset to the default value of 0 dB; as a result, the LEVEL control should first be set to the MIN position before using the headphones.

Direct play - To play a particular track by specifying the track number



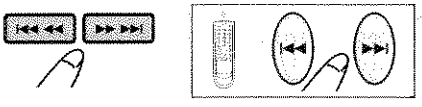
When the track No. is specified with the digit buttons, playback starts automatically from the beginning of the specified track.

To specify track No. from 1 to 10, simply press the corresponding digit buttons (1 – 10). To specify track No. 11 or above, use >10 .

Example : To enter track No. 16: >10 , 1 , 6
To enter track No. 30: >10 , 3 , 10

- When entering 11 or above, 10 functions as 0.
- When >10 is pressed, the digit button to be next entered should be pressed within 5 seconds.

Track search - To search for a particular track

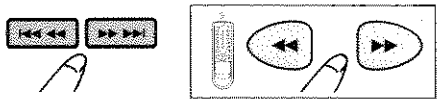


When ►► ►►I (or ►►I) is pressed once or a number of times, playback is advanced to the beginning of a track located after the track being played. The position of the located track corresponds to the number of times the button is pressed.
When I◄◄ ◄◄ (or I◄◄) is pressed once, playback returns to the beginning of the track being played. When this button is pressed more than once, playback is returned to a track located before the track being played.

- When ►► ►►I (or ►►I) or I◄◄ ◄◄ (or I◄◄) is operated in pause mode or stop mode, press ► to start playback.

NOTE:
During program playback, the ►► ►►I (or ►►I) or I◄◄ ◄◄ (or I◄◄) button can be used to select the programmed track.

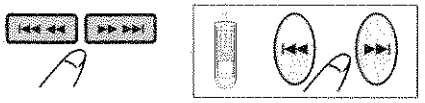
Manual search - To search for a particular passage



While ►► ►►I (or ►►) is kept pressed, playback rapidly advances toward the end of the disc. When playback reaches the end of the disc, the player enters pause mode and "END" is displayed. While I◄◄ ◄◄ (or ◄◄) is kept pressed, playback rapidly reverses toward the beginning of the disc.
When the desired passage is reached, release ►► ►►I (or ►►) or I◄◄ ◄◄ (or ◄◄). The player enters original mode (playback or pause) where ►► ►►I (or ►►) or I◄◄ ◄◄ (or ◄◄) is released.

NOTE:
During program playback, Manual Search can be carried out in one program step only.

To display the playing time of each track



In stop mode, pressing ►► ►►I (or ►►I) displays the playing time of each track starting from track No.1.

- This function cannot be carried out with track No.30 or above.

Hi-Lite scan

When HI-LITE is pressed in stop mode, playback starts from a point 1 minute after the beginning of the track, and each track is played for about 10 seconds. The ► indicator blinks in Hi-Lite scan mode.

- Hi-Lite scan can be carried out from the desired elapsed time of the track. During playback, press HI-LITE at the point you want to start Hi-Lite scan playback. The player memorizes the minute and second of the point and Hi-Lite scan playback is carried out from the memorized minute and second on each track.

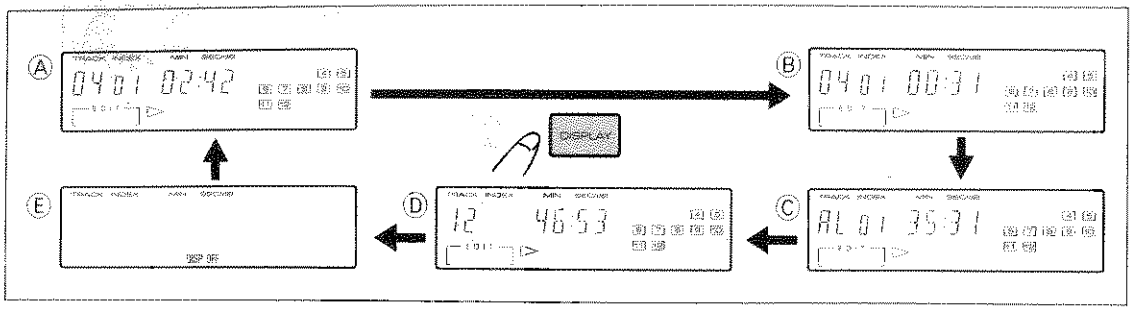
NOTES:

- *When the playback time of a track is less than one minute or is shorter than the memorized time, Hi-Lite scan playback is carried out from the beginning of the track for about 10 seconds.*
  When playback time of a track is less than 10 seconds, the track is played from the beginning to the end.
- *During program playback or random playback, pressing HI-LITE cancels program playback or random playback. The player memorizes the time of the point at which HI-LITE was pressed and Hi-Lite scan playback is carried out from the memorized time on each track. However, the program contents will not be erased.*
- *One track repeat cannot be performed in Hi-Lite scan playback mode.*

To repeat playback (repeat play)

To repeatedly play the displayed track, press REPEAT once. The 1►REP indicator lights. The REPEAT button can be pressed in any playback mode.
To repeatedly play all tracks on the disc in normal playback mode or in the specified playback mode (Program playback or Random playback), press REPEAT twice. The REP indicator lights.

Time display/Display off



During playback, pressing the DISPLAY button changes the time display in the following sequence: Ⓐ Time (elapsed playback time of the track being played) → Ⓑ Remain (remaining playback time of the track being played) → Ⓒ AL Remain (remaining playback time from the playing point to the end of the disc) → Ⓓ Total (total playback time of the disc) → Ⓔ Display off → Ⓐ.

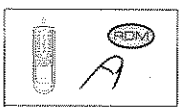
- With track No. 30 or more, the Remain time Ⓑ cannot be displayed.
- During random playback, AL Remain time Ⓒ cannot be displayed.
- During program playback, the remaining playback time of the programmed tracks can be displayed with the AL Remain setting Ⓒ. The number of program steps and total time of program can be displayed with the Total setting Ⓓ.
- During playback, after display Ⓓ has continued for about five seconds, it automatically reverts to display Ⓐ.

Ⓔ To turn off the display

Pressing the DISPLAY button selects the Display Off mode.
While the DISP OFF indicator is lit, all display indicators are turned off during playback. This function eliminates the use of unnecessary circuit, thus preventing any adverse effect on the playback sound quality.

- The indicators in the display window will light while the player is in stop mode even when the Display OFF function is activated. When ► is pressed to begin playback, all indicators in the display will disappear.
- During playback, the indicators will light for several seconds if any of the player's controls is operated.

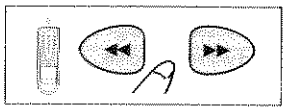
Random playback - To play all tracks in random order



Press RDM. The RND indicator lights and all tracks on the disc are played in random order. After all tracks are played, the player enters stop mode.
To play programmed tracks in random order, press RDM after carrying out the program procedure. See "Program playback".

Time location - To start playback from the desired elapsed time

In stop mode



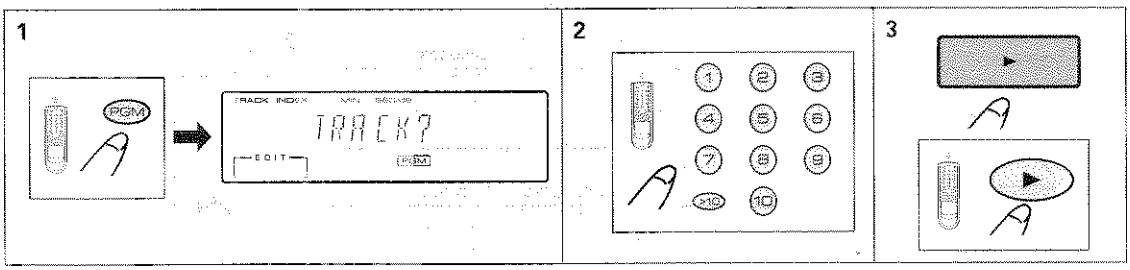
Each time ►► is pressed in stop mode, the elapsed time increases in steps of 1 second. Each time ◄◄ is pressed, the elapsed time decreases in steps of 1 second. When ►► or ◄◄ is kept pressed, the elapsed time changes in steps of 10 seconds. To start playback, press ►.

- A desired track number can be specified with I◄◄ or ►►I (I◄◄ ◄◄ or ►► ►►I). After specifying the track number, operate ►► or ◄◄.

NOTES:

- *The I◄◄ ◄◄ and ►► ►►I buttons on the front panel cannot be used to perform time location.*
- *The elapsed time can be specified within the playing time of the displayed track number. If the specified time does not exist on the track, the player will start playback from the beginning of the track.*

TO PLAY ONLY DESIRED TRACKS



Program playback - To program tracks in desired order

Programming is possible in stop or playback mode.
Only in stop mode, the dialog display appears in each step to facilitate programming.

1 **Press PGM.**
- "TRACK?" appears on the display.

2 **Enter the desired track numbers in a desired order with the digit button.**
- Up to 24 tracks (steps) can be programmed.

3 **Press ►.**
The tracks are played in the programmed order. When all programmed tracks have been played, the player enters stop mode.

To stop Program playback, press ■.

- To go to the previous or next step in a program, press |◄◄ ◄◄ or ►► ►►|.
- Each time a track is programmed, the display will show the programmed number.
- If the disc is in the player, the program contents will not be erased even if the power is turned off.
- The program stored in the program mode is held in memory after the program mode has been canceled by pressing the PGM button, and it is recalled when the program mode is entered again.

Programming while listening to playback

During normal playback or Hi-Lite scan playback (Direct program) or program playback, you can program the desired tracks.

During normal playback or Hi-Lite scan playback (Direct program): The track being played can be programmed.

1. During playback, press PGM to enter the program mode.
2. Whenever a track to be programmed is played, press PGM. You can repeat step 2 until up to 24 steps are programmed.
3. After programming, press ►. The current playback is cleared and the tracks are played in the programmed order.

During program playback:
Enter the desired tracks without pressing PGM. The program contents are added to the program being played.

Notes on time display

- *If the total playing time or total remaining time exceeds 100 minutes, the corresponding time will not be displayed.*
- *If track No. 30 or above is programmed, total remaining time or total playing time will not be displayed.*

Programming a pause

Inserting a pause in your program can be very useful when carrying out recording. Press ❚❚ instead of entering a track number. "PA" appears on the display.

- For example, when recording on both sides of a cassette tape, if you program a pause after the last track to be recorded on the first side, program playback will pause at that point to allow you to switch tape sides. To resume program playback after the player enters pause mode, press ❚❚.

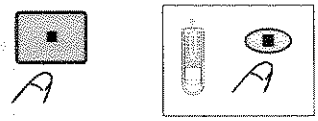
NOTES:

- *A pause can be programmed only when the program procedure is performed under stop mode.*
- *A pause cannot be programmed at the beginning of a program, nor can two pauses be programmed one after the other.*
- *A pause inserted in a program is counted as one step.*
- *If a pause is programmed as the last step of a program, the player will not enter the pause mode.*

To clear all of the program contents

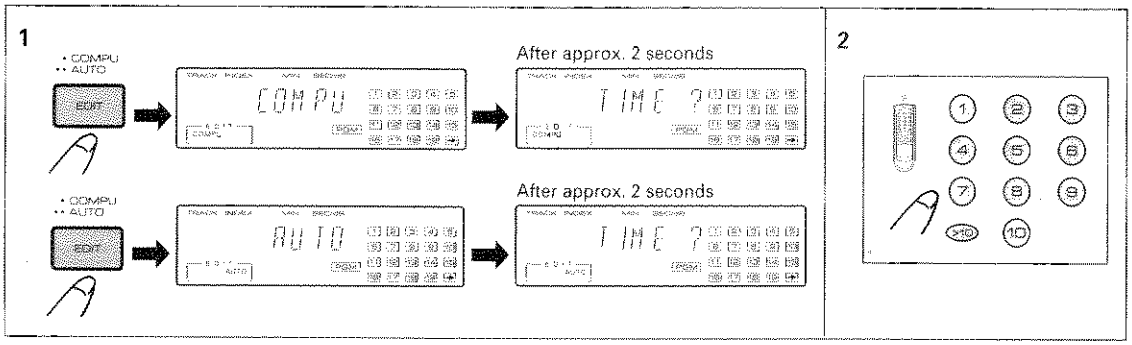
- You can clear a program with any of the following operations

Ⓐ In stop mode, press ■.



Ⓑ When the disc tray is ejected, the program contents will be cleared..

CONVENIENT OPERATION FOR RECORDING



With this function, tracks are automatically programmed for both sides of the tape.

COMPU PROGRAM EDIT
The player automatically rearranges the order in which tracks are played back so that their total playing time becomes the specified playing time as near as possible.

AUTO PROGRAM EDIT
Tracks are selected within the designated time, starting from the first track and progressing in order.

1 Select the Compu Program Edit mode or Auto Program Edit mode with COMPU/AUTO EDIT.

To enter the Compu Program Edit mode: Press the button once. "COMPU" appears on the display. After approximately 2 seconds "TIME?" appears on the display.
To enter the Auto Program Edit mode: Press the button twice. "AUTO" appears on the display. After approximately 2 seconds "TIME?" appears on the display.

- **For COMPU PROGRAM EDIT only:**
  To program all tracks on the disc: press the button once and do not perform step 2.
  In about 8 seconds, the player will automatically select the tape length (46, 60 or 90 minutes) which will allow recording of all tracks on the disc, then program the tracks (This step will not be performed for more than 24 recording tracks).

2 Designate the length of tape to be used.

When the digit buttons are used:
Press the digit buttons to set the length (time) of the tape.
Press the 10's digit button and 1's digit button sequentially. (To enter 9 minutes or less, press 10 and then the corresponding digit button.)

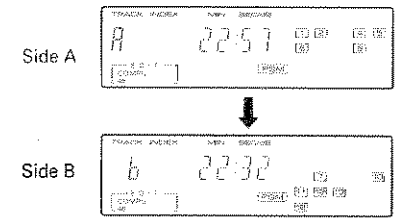
When the track search buttons are used:
Press ⏮ ◀◀ or ▶▶ ⏭ to set the length (time) of the tape.

- Each time the buttons are pressed, the time setting will change in the following order:

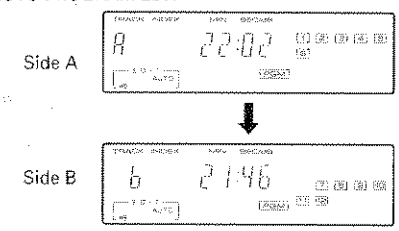
  46 ⟷ 54 ⟷ 60 ⟷ 74 ⟷ 90 ⟷ Unit: Minute

- The displayed time is memorized and the player starts calculation by pressing COMPU/AUTO EDIT or if other time setting is not selected within 3 seconds.

Example: The tape playing time 46 minutes is selected.
COMPU PROGRAM EDIT



AUTO PROGRAM EDIT



To confirm the programmed results:
After completion of programming, press COMPU/AUTO EDIT; each time the button is pressed, the program results will be alternately displayed for tape sides A and B.

NOTES:

- *Up to 24 steps can be programmed.*
- *With discs contained 24 tracks or more, programming may not be correctly performed.*
- *If the selected time is too short for any track to be programmed, programming cannot be performed.*
- *If you wish to enter the time with the digit buttons after the time is already entered with ⏮ ◀◀ or ▶▶ ⏭ in step 2, press >10. The digit buttons can now be operated.*
- *If the disc is in the player, the contents of the Compu program edit are not cleared even when the power is turned off. However, if the power is turned off with an audio timer or by unplugging the power cord, the program contents will be erased.*
- *For recording on only side A of the tape, up to 24 tracks can be programmed.*
  For recording on sides A and B, up to 23 tracks can be programmed, since a pause is programmed as a track at the end of the side A.

TROUBLESHOOTING

Incorrect operations are often mistaken for trouble and malfunctions. If you think that there is something wrong with this component, check the points below. Sometimes the trouble may lie in another component. Investigate the other components and electrical appliances being used.
If the trouble cannot be rectified even after exercising the checks listed below, ask your nearest PIONEER authorized service center or your dealer to carry out repair work.

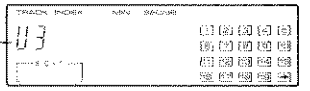
Symptom	Cause	Remedy
Disc tray is not expelled when OPEN/CLOSE is pressed.	• Power plug is disconnected from outlet. • The STANDBY/ON switch is OFF (STANDBY).	• Connect plug to amplifier or wall outlet. • Press the STANDBY/ON switch ON.
When playback is started, it stops immediately. Pauses or stops during playback.	• Disc is loaded upside down. • Smudges, etc., on the disc.	• Load the disc with the label side DOWN. • Clean the smudges from the disc and then play it again.
No sound	• Output cables are connected incorrectly or loosely. • Incorrect operation of stereo amplifier. • Pin plugs and/or amplifier terminals are dirty. • Player is in pause mode.	• Connect properly. • Check the settings of amplifier switches and sound volume controls. • Clean away dirt. • Press the PLAY ▶ button.
Sound is distorted, noise is output.	• Incorrect connections. • Pin plugs and/or amplifier terminals are dirty. • Interference is being picked up from a TV set.	• Connect to amplifier's AUX or CD terminals. Do not connect to PHONO terminals. • Clean away dirt. • Switch OFF TV set, or move player away from TV set.
With certain discs, loud noise is produced, or play stops.	• Disc has bad scratch or warp. • Disc is extremely dirty.	• Replace the disc. • Clean disc.
The picture of the TV screen is fluctuated or FM broadcast has noise interference.	• Interference is being picked up from the CD player.	• Turn off POWER of the player, or move the player away from TV or tuner.
Remote control will not function.	• Dead batteries. • Too far from player or wrong angle. • Obstruction between player and remote control unit.	• Replace batteries. • The distance between remote control unit and player should be no more than about 7 meters. The operational angle against the front panel is within 30° from right or left end of player. • Relocate remote control unit or remove obstruction.
Display gose off.	• The unit is in the DISPLAY OFF mode.	• Cancel the DISPLAY OFF mode (The DISP OFF indicator will disappear).

Abnormal functioning of this unit may be caused by static electricity, or other external interference. To restore normal operation, turn the power off and then on again, or unplug the AC power cord and then plug it in again.

SELF-DIAGNOSTICS FUNCTION

The unit incorporates the self-diagnostic function.
When an abnormality is detected during operation of the unit, an error message (service No.) appears on the unit's display automatically. Treat the error by following the instructions in **"Countermeasures"**.

Display on the unit

Service No. ——— 

Service No.	Unit Status	Countermeasures
U3	There may be a disc loading error.	• The disc may be set in a wrong position; load the set again in the correct position. • Check if there is any foreign object loaded.
U4	There may be a disc setup error.	• Ensure that the disc is not set upside down. • The disc may be dirty; clean the disc and set it again.

If the same display appears again, there may be an error in the mechanical section. When requesting servicing, please also let us know the service number displayed on the unit.

SPECIFICATIONS

1. General

Type ..... Compact disc digital audio system
Power requirements ..... AC 220 - 230 V, 50/60 Hz
Power consumption ..... 13 W
Power consumption in standby mode ..... 3 W
Operating temperature ..... +5°C - +35°C
Weight ..... 3.8 kg
External dimensions ..... 420 (W) X 283 (D) X 112 (H) mm

2. Audio section

Frequency response ..... 2 Hz - 20 kHz
S/N ratio ..... 110 dB or more (EIAJ)
Dynamic range ..... 99 dB or more (EIAJ)
Harmonic distortion ..... 0.002% or less (EIAJ)
Output voltage ..... 2.0 V
Wow and flutter ..... Limit of measurement (±0.001% W.PEAK) or less (EIAJ)
Channels ..... 2-channel (stereo)

3. Output terminal

Audio line output jacks
CD-DECK SYNCHRO jack
Optical digital output jack
Coaxial digital output jack
Headphone jack (with volume control)

4. Accessories

- Remote control unit 1
- Size AAA/R03 dry cell batteries 2
- Output cable 1
- Operating instructions 1

NOTE:

Specifications and design subject to possible modification without notice, due to improvements.

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